



DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



Address Standard

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Background

- Business Transformation Agency (BTA) Address Working Group (AWG) established. Goals:
 - Enable a common interoperable information exchange environment for address across the Department.
 - To determine the End-to-End (E2E) interpretable information exchange requirements, the AWG will gather information about the various business requirements, terms, formats and rationale for address.
- Business objectives for the AWG include developing:
 - A common business vocabulary for allowing address to be utilized across Department Enterprise Business operations.
 - The common methodology for harmonizing E2E address information exchange among different systems.
- BTA is evaluating the Federal Geographic Data Committee



FGDC Standard

- **FGDC United States Thoroughfare, Landmark, and Postal Address Data Standard.**
 - An address specifies a location by reference to a thoroughfare... or a point of postal delivery
 - Voluntary standard that has not been widely adopted. United States Postal Service has not adopted
 - Federal Geographic Data Committee Working Group confirmed that it is not necessary to decompose the street address into subordinate, discrete elements: “The “Delivery Address” element conforms to the USPS Delivery Line for Address Number, Street Name and sub-address (unit) elements).”



Business Enterprise Architecture (BEA)

Current Address Standard

- The current BEA standard decomposes street address into:
 - house number
 - street direction
 - street name
 - street type
- Not currently supported by the Logistics Domain.



Logistics Considerations DoDAAD

- **Department of Defense Activity Address Directory (DODAAD)**
 - DoDAAD is governed by DoD 4000.25-M and is the authoritative addressing source for Logistics.
 - Contains more than 246,000 DoD, Federal Agency and some authorized contractor addresses.
 - Used in approximately 9 billion logistics transactions per year. Contained in every contract number and every Transportation Control Number.
 - Addresses are limited to 35 characters per line (based on the Military Shipping Label governed by MIL- STD-129P).
- **DoDAAD Issues**
 - Adopting an alternative standard would require costly changes to DoDAAD and to the many systems that interface with DoDAAD. May not be implementable by all systems or cost effective to do so.
 - Would require data conversion for existing DoDAACs.



Logistics Considerations MAPAD

- **Military Assistance Program Address Directory (MAPAD)**

- MAPAD, governed by [DoD 4000.25-8-M](#), is the authoritative addressing source for Foreign Military Sales and Grant Aid addresses.
- Contains private sector, foreign, and embassy addresses provided by foreign governments.
- Based on the Military Shipping Label governed by MIL- STD-129P.

- **MAPAD Issues**

- Adopting an alternative standard would require costly changes to MAPAD and to the many systems that interface with MAPAC. May not be implementable by all systems or cost effective to do so.
- Would require coordination/agreement by foreign Governments.
- Would require data conversion for existing MAPACs.
- Would require changes to Military Shipping Label.



Logistics Considerations Interoperability/Transactional Data

- **Defense Logistics Management System (DLMS)**
 - Address exchanged predominately via DoDAAC and MAPAC
 - DLMS provides a supplemental method of transmitting address data to support some requirements.
 - DLMS transactions are based on the American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 electronic data interchange standards, incorporating Federal Implementation Conventions and unique DoD requirements. ASC X12 currently contains one single data element for street address vice decomposed data elements.
- **DLMS Issue.**
 - If a standard for decomposed street address is mandated, and the decomposed data elements are approved by ASC X12, the DoD Logistics and Distribution domains would incur significant implementation costs and time for migrating to the higher ASC X12 version release.



Conclusion/ Recommendations

- **Conclusions:**

- FGDC Landmark Standard allows for street address line to be parsed into separate data elements and allows for a single concatenated street line data element.
- Current BEA standard allows parsed individual data elements, but has not allowed for a concatenated street line data element.
- There are implementation, cost and interoperability issues with adopting the current BEA standard as a DoD enterprise standard.

- **Recommendations:**

- Change BEA to:
 - Also include a concatenated street line data element to be consistent with the FGDC Landmark Standard and ANSI ASC X12.
 - Recognize the 35 character per line Military Shipping Label limitation in the BEA business rules for this how data



Current Status

“Address” is currently proposed to be evaluated as part of a BTA Business Enterprise Common Vocabulary Working Group.